

Date: Tue, 17 May 94 04:30:11 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #146
To: Ham-Ant

Ham-Ant Digest Tue, 17 May 94 Volume 94 : Issue 146

Today's Topics:

?? Need help with an external short wave radio antenna ??

Baluns and dipoles

HELP! - Sharp PC-6200 lcd & docs

Workshop On Microwave Technology - Cincinnati, Ohio - June 2-3 1994

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>

Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 17 May 1994 08:50:19 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!
news.csuohio.edu!vmcms.csuohio.edu!R0264@network.ucsd.edu
Subject: ?? Need help with an external short wave radio antenna ??
To: ham-ant@ucsd.edu

I need to gather some info on building an antenna for short
wave reception? Please excuse my ignorance, I am very new at
this. Someone told me that All I need to do is connect a very
long thin wire from an adjacent tree to the house and one from
the ground and connect them into the adapter that goes into the
external antenna plug. I have some questions:

1) How long should this wire be? Is it somehow related to the
frequencies that I am interested in? What if I am interested in
more than one?

2) should the wire be shielded or unshielded?

3) what should be the gauge of the wire? The thicker the better?

4) should the wire be the meshed type or a single thread?

>>> Please include this message for reference <<<

===== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) =====
(919)856-3817 (W)

It does not make much difference on most of what you ask. Almost any kind of wire will work. Get at least about 50 feet outdoors and up high.

----- Phil Emerson.

Date: 17 May 1994 01:30:07 -0400

From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!emory!news-feed-2.peachnet.edu!news-feed-1.peachnet.edu!news.duke.edu!solaris.cc.vt.edu!news.ans.net!newstf01.cr1.aol.com!@ihnp4.ucsd.edu

Subject: Baluns and dipoles

To: ham-ant@ucsd.edu

I'm trying to construct dipole antenna for my FM transmitter. A few of the books I've looked at suggest using a balun transformer between the poles.

My question. Where do I find one (or how do I make one) and is it really necessary.

Any suggestions, (especially on what parts to buy) would be greatly appreciated.

Tony

Date: Tue, 17 May 94 03:08:22 CST

From: usenet.elf.com!sundog.tiac.net!usenet@uunet.uu.net

Subject: HELP! - Sharp PC-6200 lcd & docs

To: ham-ant@ucsd.edu

hi, mitch wa4osr here in mobile, alabama...

my sharp pc-6200 was dropped and the lcd display was damaged... upon taking the display apart, one of the surface mount column drivers was cracked... rendering the display unusable... therefore, i am in desperate need of the lcd display panel...

the part numbers on the display panel are LM64N671
and 90D13145W ... both numbers are on the panel...
my pc-6200 is actually a pc-6220, which
i think indicates that it has a 20 mb hard drive...

i bought the pc-6220 used with absolutely *NO* docs...
it has the 2400 baud internal modem... i need *ANY*
info, but especially would appreciate a copy of the
owner/operator manual... i will gladly pay for
copies/postage...

if anyone can help with a source of the lcd panel or
with the docs please email me or call me collect
at the below numbers...

thanks for any help/leads...

mitch, wa4osr

fmitch@netcom.com
205-476-4100 work
205-342-7259 home
11 Midtown Park, E.
Mobile, AL 36606

Date: 16 May 94 20:38:58 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu
Subject: Workshop On Microwave Technology - Cincinnati, Ohio - June 2-3 1994
To: ham-ant@ucsd.edu

WORKSHOP ON
MICROWAVE TECHNOLOGY

* * * * 2000 and BEYOND * * * *

June 2-3, 1994

Organized by:
Ohio Aerospace Institute (OAI) Microwave TechNet

Participating Organizations:
IEEE - Cincinnati, Cleveland, and Dayton Sections
University of Cincinnati

Location:

University of Cincinnati

Objective of Workshop:

To provide an in depth review of some of the major commercial application areas in Microwave Technology expected to be dominant in the coming years. This workshop will also provide a forum for presenting your present work to your colleagues. hopefully stimulating new developments in this area.

AGENDA

JUNE 2, 1994 - Thursday

8:00-9:00 am Registration

9:00-12:00 am Invited Talks

- * Microwave and Millimeter Wave Technology at NASA Lewis
Research Center - G. E. Ponchak, NASA LeRC
- * Cellular Communication Systems - T. Freeburg, Motorola
- * Industrial Applications of Microwaves

12:00-1:00 pm - Lunch

1:00-3:00 pm - Invited Talks

- * Microwave Integrated Circuit Technology - M. Calcaterra, Wright-Patterson Air Force Base
- * Optically Controlled Phased Array Antenna Systems - N. P. Bernstein, Rome Lab

3:00-5:00 pm - Contributed Papers

June 3, 1994 - Friday

9:00-12:00 am Invited Talks

- * Microwave Applications in Medicine - L. Taylor, University of Maryland
- * Radar, Past, Present, and Future - M. Skolnik, Naval Research

Laboratory

- * Transfer of Photonic Technology to Industry - N. P. Bernstein, Rome Lab

12:00-1:00 pm - Lunch

1:00 - 2:30 pm - Panel Discussion

Fees:

Registration: \$100

Proceedings: \$50

For Information:

Contact by May 31, 1994:

NORMA NAVARRO

E-mail: yynav@oai-pop.lerc.nasa.gov

Ohio Aerospace Institute

22800 Cedar Point Road
Cleveland, Ohio 44142
(216) 962-3014

Please feel free to redistribute this announcement anywhere you feel appropriate.

Date: Tue, 17 May 94 01:42:24 -0500
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!howland.reston.ans.net!
noc.near.net!news.delphi.com!usenet@network.ucsd.edu
To: ham-ant@ucsd.edu

References <2qpk4n\$9d@taco.cc.ncsu.edu>, <2qr1ua\$hn@chnews.intel.com>,
<2qrn77\$cgd@taco.cc.ncsu.edu>t
Subject : Re: A "shorty" 40 M mobile antenna

hi
Am interested in 20 meter mobile using a base loaded whip on the middle of the
roof of my Taurus wagon. Probably with a 64 inch whip and 3 inch spring. Do
you think there will be much ground plane component to be effective?

thanks in advance.. Bill KG7CK

End of Ham-Ant Digest V94 #146
